OIPE 45.

Approved for use through 10/31/2002. OMB 0651-0037 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid CMB control number.

ostitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

PUBLISHED U.S. PATENT DOCUMENTS Examiner Application or Name of Applicant or Patentee Date of Publication **Initials** Patent Number 2002/0015404 Fisher 7 February 2002 2002/0061012 Thi 23 May 2002 2002/0131441 Trachewsky 19 September 2002 2004/0114619 Park 17 June 2004 5,572,678 Homma 5 November 1996 5,623,495 Eng 22 April 1997 5,638,371 Raychaudhuri 10 June 1997 5,717,688 Belanger 10 February 1998 Citta 5,949,768 7 September 1999 Yin 9 November 1999 5,982,748 6,034,967 Citta 7 March 2000 5 September 2000 6,115,390 Chuah 6,119,214 Dirks 12 September 2000 6,262,976 McNamara 17 July 2001 13 November 2001 6,317,438 **Trebes** 6,366,577 Donovan 2 April 2002 6,377,548 Chuah 23 April 2002 6,411,611 van der Tuijn 25 June 2002

Examiner Signature L. L W

Date Considered 8/2/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

OFFE 403

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

stitute for form 1449A/PTO

# MFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

PUBLISHED U.S. PATENT DOCUMENTS Application or Examiner Name of Applicant or Patentee Date of Publication Initials Patent Number 6,452,915 Jorgensen 17 September 2002 6,532,279 Goodman 11 March 2003 6,538,989 Carter 25 March 2003 6,563,793 Golden 13 May 2003 6,563,816 Nodoushani 13 May 2003 6,567,408 Li 20 May 2003 6,567,416 Chuah 20 May 2003 6,587,453 Romans 1 July 2003 6,597,682 Kari 22 July 2003 6,600,744 Carr 29 July 2003 6,625,156 Shaio 23 September 2003 6,628,629 Jorgensen 30 September 2003 6,640,248 Jorgensen 28 October 2003 6,674,765 Chuah 6 January 2004 6,704,321 Kamiya 9 March 2004 6,704,932 Matsunaga 9 March 2004 6,728,365 Li 27 April 2004 6,731,627 Gupta 4 May 2004

Examiner Signature

il y

Date Considered 8/2/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Frute for form 1449A/PTO

### ORMATION DISCLOSURE TATEMENT BY APPLICANT

Complete if Known -Application Number 10/042,179 01/11/2002 Filing Date

PUBLISHED U.S. PATENT DOCUMENTS						
Sheet	3	of	3	Attorney Docket Number	2000-0672C (1014-202)	
	(use as ma	any sheets as	necessary)	Examiner Name	Wang, Liang Che A.	
				Group Art Unit	2155	
				First Named Inventor	Lin, Wei	

Examiner	Application or	Name of Applicant or Patentee	Date of Publication
Initials	Patent Number		
In	6,738,361	Immonen	18 May 2004
1	6,741,576	Alimi	25 May 2004
	6,747,968	Seppala	8 June 2004
	6,754,176	Gubbi	22 June 2004
	6,765,872	Tazaki	20 July 2004
	6,778,549	Keller	17 August 2004
	6,778,646	Sun	17 August 2004
	6,785,252	Zimmerman	31 August 2004
	6,788,950	Raissinia	7 September 2004
	6,804,222	Lin	12 October 2004
	6,850,981	Но	1 February 2005
	6,862,270	Но	1 March 2005
	6,862,280	Bertagna	1 March 2005
	6,862,630	Garg	1 March 2005
	6,868,072	Lin	15 March 2005
	6,877,043	Mallory	5 April 2005
	6,882,634	Bagchi	· 19 April 2005
<u> </u>	6,888,844	Mallory	3 May 2005

Examiner Signature

Considered

8/2/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Petent and Trademark
Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-003 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

titute for form 1449A/PTO

### ORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 10/042,179 01/11/2002 Filing Date Lin, Wei First Named Inventor Group Art Unit 2155 Wang, Liang Che A. **Examiner Name** 2000-0672C (1014-202)

(use as many sheets as necessary) Attorney Docket Number Sheet of 4

	PUBL	ISHED U.S. PATENT DOCUMENTS	
Examiner Initials	Application or Patent Number	Name of Applicant or Patentee	Date of Publication
Lu	6,891,881	Trachewsky	10 May 2005
1	6,898,204	Trachwesky	24 May 2005
	6,907,066	Nayler	14 June 2005
	, 6,909,725	Chow	21 June 2005
	6,925,089	Chow	2 August 2005
	6,928,057	. Bullman	9 August 2005
	6,940,918	Nayler	6 September 2005
	6,947,438	Chang	20 September 2005
	6,947,480	Beale	20 September 2005
	6,950,397	Но	27 September 2005
	6,954,800	Mallory	11 October 2005
	6,963,545	Но	8 November 2005
	6,970,422	Но	29 November 2005
	6,973,094	. Holloway	6 December 2005
	6,975,655	Fischer	13 December 2005
	6,999,442	Но	14 February 2006
Ţ	7,031,274	Sherman	18 April 2006

### FOREIGN PATENT DOCUMENTS

Examiner Signature

Date Considered

8/2/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

titute for form 1449A/PTO

#### MFORMATION DISCLOSURE STATEMENT BY APPLICANT

	Complete if Known	
Application Number	10/042,179	
Filing Date	01/11/2002	
First Named Inventor	Lin, Wei	
Group Art Unit	2155	
Examiner Name	Wang, Liang Che A.	
Attorney Docket Number	2000-0672C (1014-202)	フ

(use as many sheets as necessary) of 5 Sheet 5

Examiner Initials	Application or Patent Number	Name of Applicant or Patentee	Date of Publication
	JP 02072736A	Kurokawa	13 March 1990

	NON-PATENT DOCUMENTS		
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
<del>I</del> n	AMODEI, AURELIO et al., "Increasing the Throughput of the HomePNA MAC Protocol", IEEE, Proceedings of the 29th Annual IEEE International Conference on Local Computer Networks (LCN '04), 1 November 2004, 8 page(s)		
	Braden, R., "Resource Reservation Protocol (RSVP)", Internet Engineering Task Force, 1 September 1997, 1-112 page(s), Vol. RFC 2205, www.itef.org		
	Cali, "Capacity Analysis and Protocol Enhancement", IEEE 802.11, 8 page(s), IEEE, Italy		
	DAVIES, NIGEL and RAVERDY, PIERRE-GUILLAUME, "Position Paper: The Role of Platforms and Operating Systems in Supporting Home Networks", Proceedings of the 9th Workshop on ACM SIGOPS European Workshop: Beyond the PC: New Challenges for the OS, 1 September 2000, 6 page(s), ACM Press		
	Deng, Jiunn, "A Priority Scheme for IEEE 802.11 DCF Access Method", IEICE Trans. Commun., 1 January 1999, 7 page(s), Vol. E82-B/1		
	Ho, Jin-Meng, "Centralized Contention and Reservation Request for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/617,439, 14 July 2000, 77 page(s), US		
	Ho, Jin-Meng, "Enhanced Channel Access Mechanisms for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/616,885, 14 July 2000, 76 page(s), US		
	Ho, Jin-Meng, "Multipoll for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/616,884, 14 July 2000, 72 page(s), US		
	Ho, Jin-Meng, "RSVP/SBM Based Up-Stream Session Setup, Modification, and Teardown for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/616,878, 14 July 2000, 82 page(s), US		
	Ho, Jin-Meng, "Virtual Streams for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/617,083, 14 July 2000, 69 page(s), US		

Examiner Signature

Date Considered

8/2/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

OIPE 463

Sheet

Approved for use through 10/31/2002. OMB 0651-0057

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

estitute for form 1449A/PTO

REFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 6

Complete if Known		
Application Number	10/042,179	
Filing Date	01/11/2002	
First Named Inventor	Lin, Wei	
Group Art Unit	2155	
Examiner Name	Wang, Liang Che A.	
Attorney Docket Number	2000-0672C (1014-202)	

*	U.S. Patent Application number 10/042,142, Filed 11 January 2002, Lin, "Enhanced Channel Access Mechanisms for an HPNA Network", 75 page(s)
	U.S. Patent Application number 10/042,143, Filed 11 January 2002, Lin, "Enhanced Channel Access Mechanisms for an HPNA Network", 52 page(s)
	U.S. Patent Application number 10/042,165, Filed 11 January 2002, Lin, "Enhanced Channel Access Mechanisms for an HPNA Network", 51 page(s)
	U.S. Patent Application number 10/042,166, Filed 11 January 2002, Lin, "Enhanced Channel Access Mechanisms for an HPNA Network", 66 page(s)
	U.S. Patent Application number 11/256,598, Filed 21 October 2005, Lin, "Enhanced Channel Access Mechanisms for an HPNA Network", 53 page(s)
	U.S. Patent Application number 11/398,297, Filed 5 April 2006, Lin, "Enhanced Channel Access Mechanisms for an HPNA Network", 53 page(s)
	Yavatkar et al., "SBM: A Protocol for RSVP-based Admission Control over IEEE 802-style networks", Internet Engineering Task Force, 1 May 2000, 60 page(s), Vol. RFC 2814, Nework Working Group,
	Zhijun, Gong, "QoS Guaranteed Wireless Lan", ICCT '98, 22 October 1998, 5 page(s), International Conference on Communication Technology, China

Examiner Signature Date Considered 8/2/2006

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.